

We claim:

1.           A refrigerator having one or more removable food support elements for positioning in a refrigerator compartment, each element having a user interface for setting the working conditions of the refrigerator compartment and for transferring the working conditions to a control unit of the refrigerator, the refrigerator further comprising a package  
5 configured to be removably inserted in the refrigeration compartment, the package comprising a plurality of inductors for receiving and transmitting data from the control unit to each user interface.
2.           The refrigerator according to claim 1, wherein the package is removable and faces the rear wall of the refrigeration compartment.
3.           The refrigerator according to claim 2, wherein the package comprises at least some of the electronic components associated to the plurality of inductors.
4.           The refrigerator according to claim 1, wherein each removable food support element comprises display for providing the user with a feedback on the conditions set in the refrigerator compartment.
5.           The refrigerator according to claim 1, wherein each removable food support element comprises one or more sensors for providing the user and the control unit of the refrigerator with a feedback on the actual conditions in the refrigerator compartment.

6. The refrigerator according to claim 1, wherein each user interface is adapted to set temperature and humidity.
7. The refrigerator according to claim 5, wherein the one or more sensors associated with each support element are adapted to provide a signal indicative of characteristics of food placed in the refrigerator compartment or portion thereof.
8. The refrigerator according to claim 1, wherein an evaporator is placed between the panel and the rear wall of the refrigerator.
9. The refrigerator according to claim 8, wherein a plurality of apertures are provided in the rear wall for allowing airflow to the evaporator.